10th Class 2018				
Math (Science)	THE RANGE OF THE PARTY OF THE P	PAPER-II		
Time: 20 Minutes	(Objective Type)	Max Marko		
Note: Four possible	answers A R C and	D to each au		
Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that				
CILCIE III HONE	Circle III Hone of that dijestion with Marker or Pen in .			
the answer-book. Cutting or filling two or more circles will result in zero mark in that question.				
		on.		
1-1- $\frac{2x+1}{(x+1)(x-1)}$ is:				
(a) An improper fraction				
(b) An equation				
(c) A proper fraction √				
(d) An inequa	ation			
2- Point (-1, 4) lies in the quadrant:				
(a) I	(b) II √			
(c) III	(d) IV			
3- A complete circle is divided into:				
(a) 90°	(b) 180°			
(c) 270°	(d) 360° 1/			
4- The measure of the external angle of a regular octagon is:				
(a) $\frac{\pi}{10}$., π			
^(a) 10	(b) $\frac{\pi}{6}$			
(c) $\frac{\pi}{8}$	(d) $\frac{\pi}{4}\sqrt{}$			
<u> </u>				
5- Two tangents	drawn to a circle fi	rom a point outside		
,	_ in length:			
(a) Half	(b) Equal √			
(c) Double The solution	(d) Triple			
(a) (c.4)	set of equation $4x^2 - 16 = 0$ is:			
(4) (1 4)	(b) {4}			
(c) {± 2} √	(d) ± 2	*		
	7			

7-	$\frac{1}{\alpha} + \frac{1}{\beta}$ is equal to:		
	(a) $\frac{1}{\alpha}$	(b) $\frac{1}{\alpha} - \frac{1}{\beta}$	
	(c) $\frac{\alpha - \beta}{\alpha \beta}$	(d) $\frac{\alpha + \beta}{\alpha \beta} \sqrt{{\alpha \beta}}}$	
8-	If $\frac{u}{v} = \frac{v}{w} = k$, then:		
	(a) $u = wk^2 $	(b) $u = vk^2$	
	(c) $u = w^2 k$	(d) $u = v^2 k$	
9-	The extent of variation between two extreme observations of a data set is measured by:		
	(a) Average	(b) Range √	
		(d) Median	
10-	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:		
	(a) 60° √	(b) 45°	
\	(c) 30°	(d) 75°	
11-	$\csc^2 \theta - \cot^2 \theta =$		
	(a) 1 √	(b) +1	
	(c) 0	(d) tan θ	
12-	Product of cube roots of unity is:		
)	(a) 0	(b) 1 √	
	(c) -1	(d) 3	
13-	A line intersecting a circle is called:		
	(a) Tangent	(b) Chord	
	(c) Secant 1/		
14-	In a proportion a: b:: c:d, b and c are called:		
	(a) Means √	(b) Extremes	
		nal (d) Third proportional	
15-	A collection of well-defined objects is called:		
`	(a) Subset	(b) Power set	
	(c) Set √	(d) Super set	